

An Apparatus and Method for Processing Information from a Telephone  
5 Network

A data processing apparatus is coupled to receive call data records from a telephone network (4), for example an SS7 network. The apparatus (1) receives data records of different types having different formats. For each different type of data record, the apparatus (1) has a library (9, 10, 11) of type-specific functions associated with the particular type of data record. The apparatus (1) also has a set (8) of common functions available which contains functions that can be utilized for all types of data records, and for managing the system. Instructions are received by the apparatus (1), which indicate which type or types of data records are to be received and which functions are to be carried out on the data records. The apparatus (1) then creates a function list of the particular functions that are to be carried out before executing the particular functions on the received data records and then storing the processed records in a database (12, 13, 14).

FIG. 1